

Example Science Lessons

Inquiry Based Lessons
in the Central Bucks School District

Young Scientists

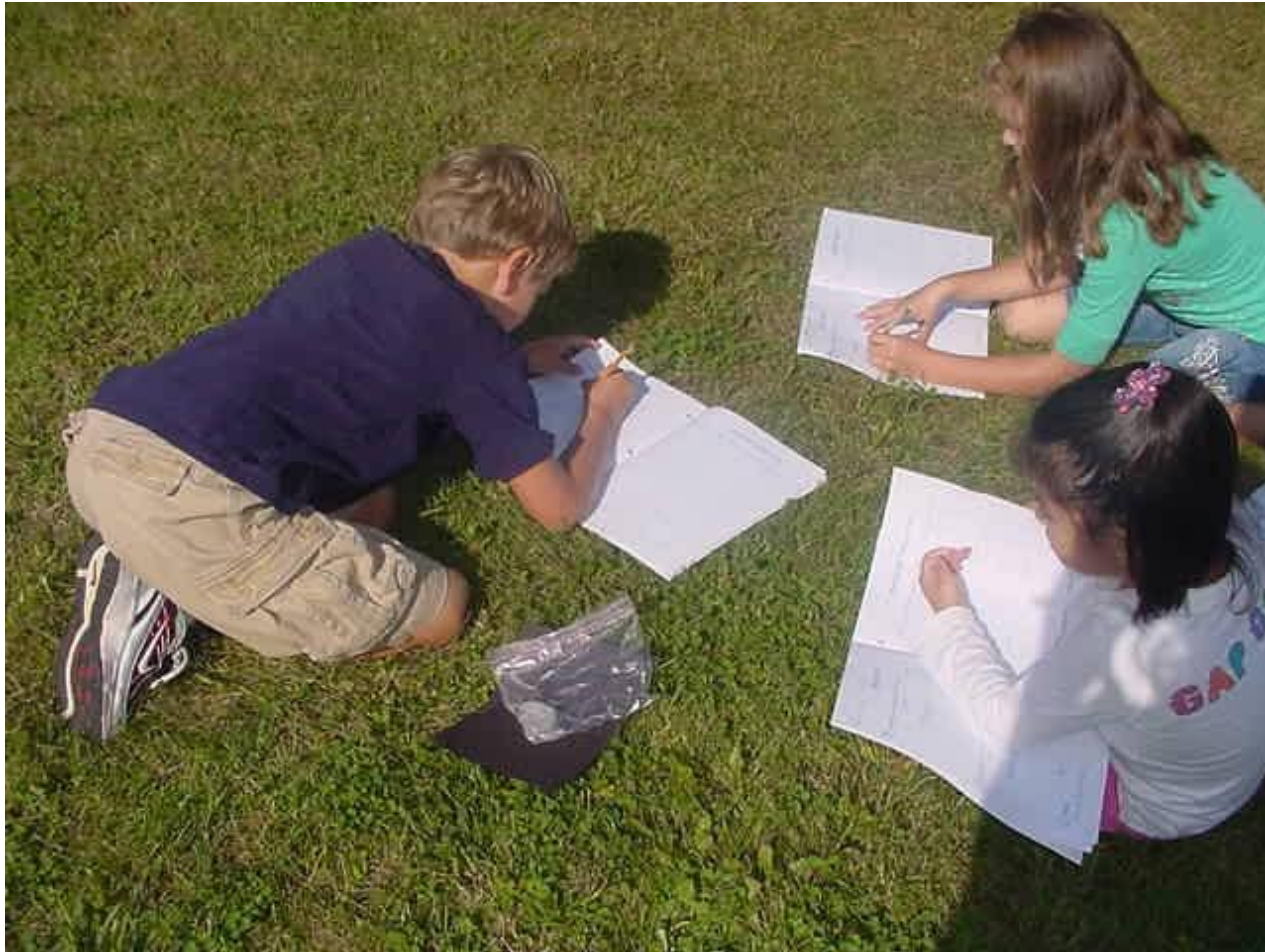
Young Scientists



Young Scientists



Young Scientists



Young Scientists



Young Scientists



Weather – Where Does the Water Go?

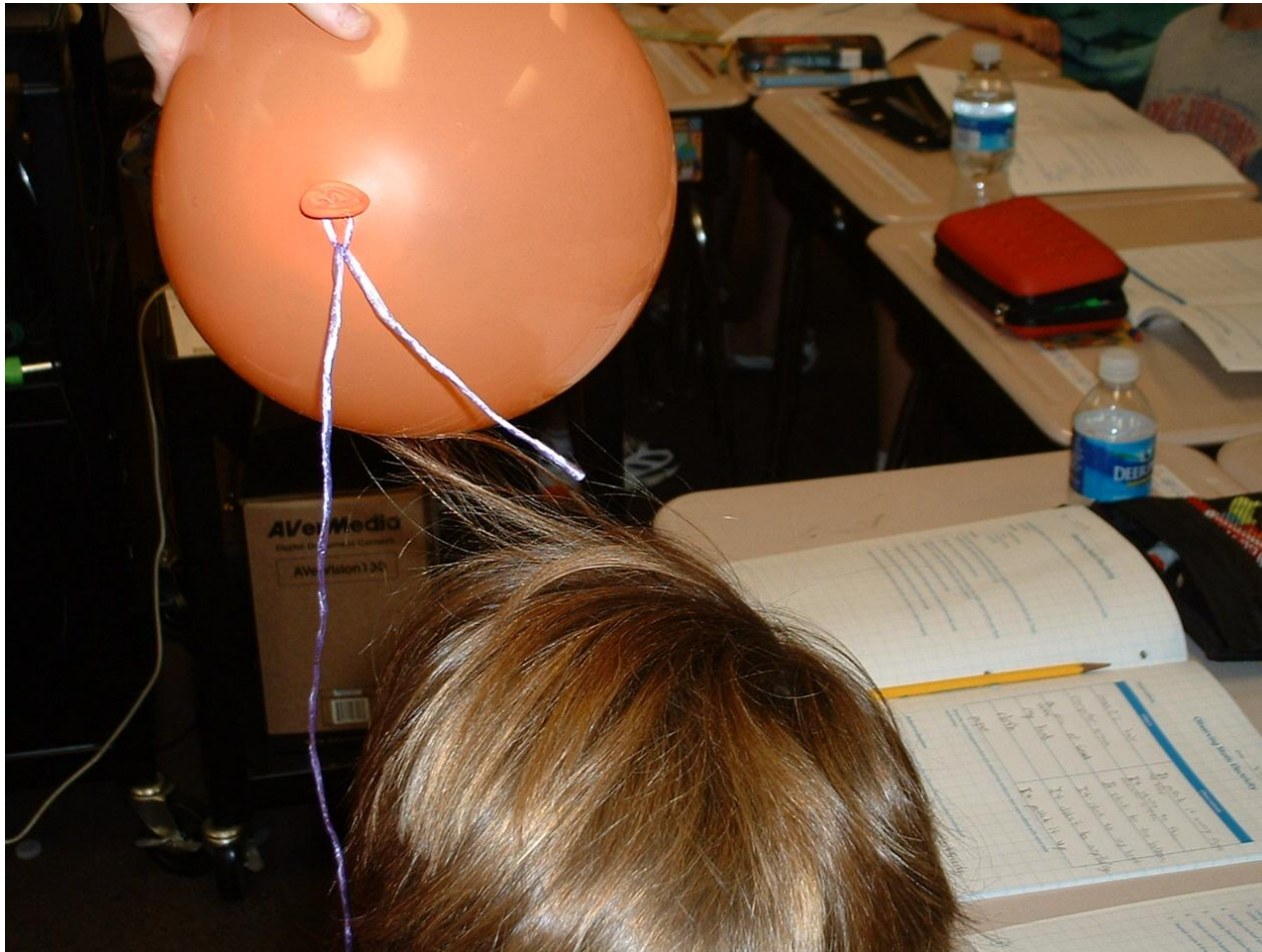


Static Electricity

Static Electricity



Static Electricity



Making an Electromagnet



Static Electricity



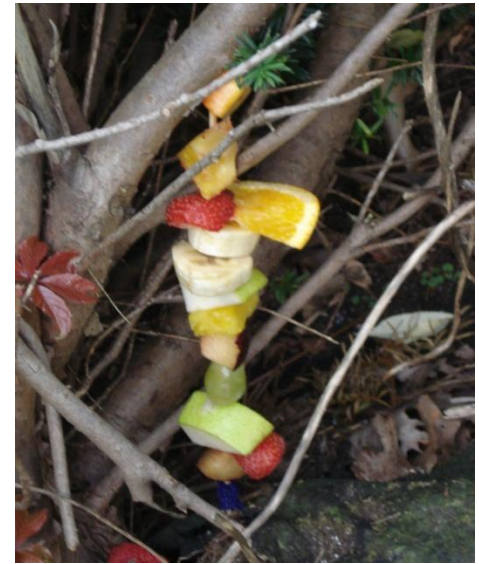
Electric Currents



Electric Currents

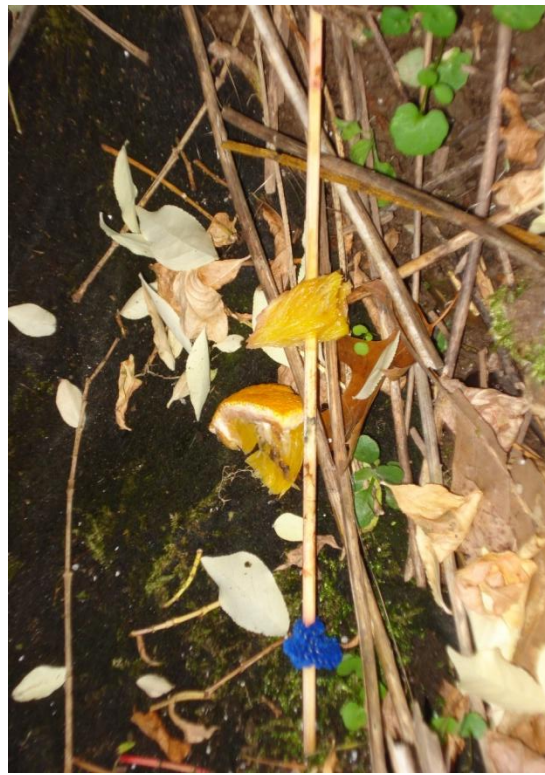


Nature's Decomposers



Kabobs- Day 1 (October 13th, 2009)



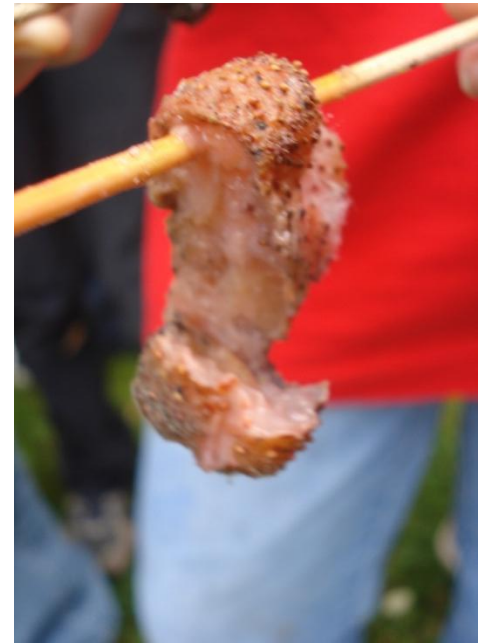


Day 9- October 22nd, 2009





What do we notice?



Day 20- A Final Look at the Kabobs



Decomposing Apple



Decomposing Apple



Simple Machines Project



Simple Machines Project



Simple Machines Project



Simple Machines Project



Simple Machines Project



Simple Machines Project



Simple Machines Project



Simple Machines Project



Simple Machines Project



Dissecting Owl Pellets





Dissecting Owl Pellets



Dissecting Owl Pellets



Dissecting Owl Pellets



Dissecting Owl Pellets



Dissecting Owl Pellets



Dissecting Owl Pellets

What was in your owl pellet? Record your findings in the chart below.

I Found	Number Found
Jaw	4
Front leg	1
rib	2
back leg	3

Dissecting Owl Pellets



Data from Dissecting Owl Pellets



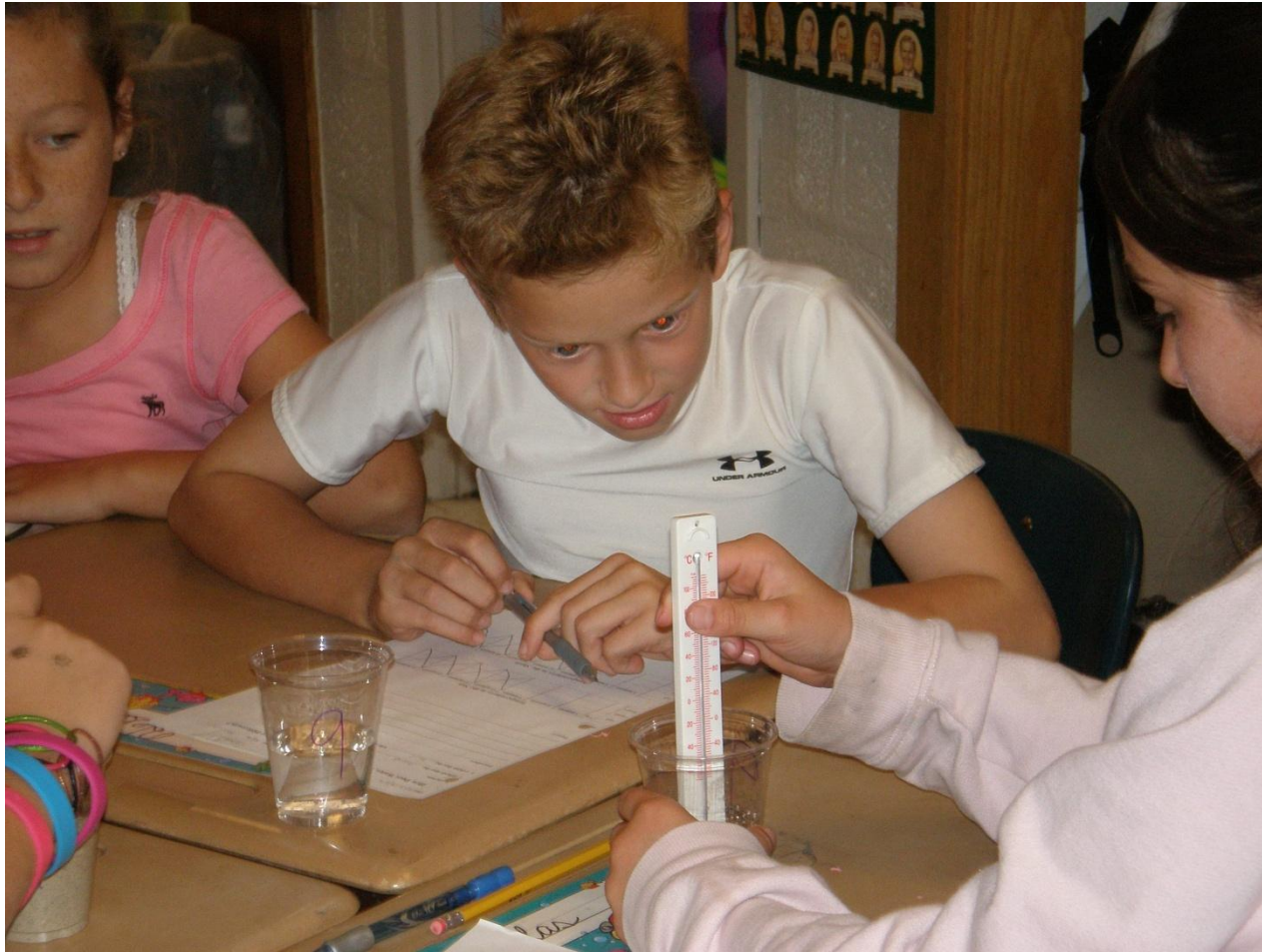
Cricket Observations



Cricket Observations



Energy



Energy



Energy



Energy



Soil Investigation



Soil Investigation



Soil Investigation



Soil Investigation



Soil Investigation



Soil Investigation



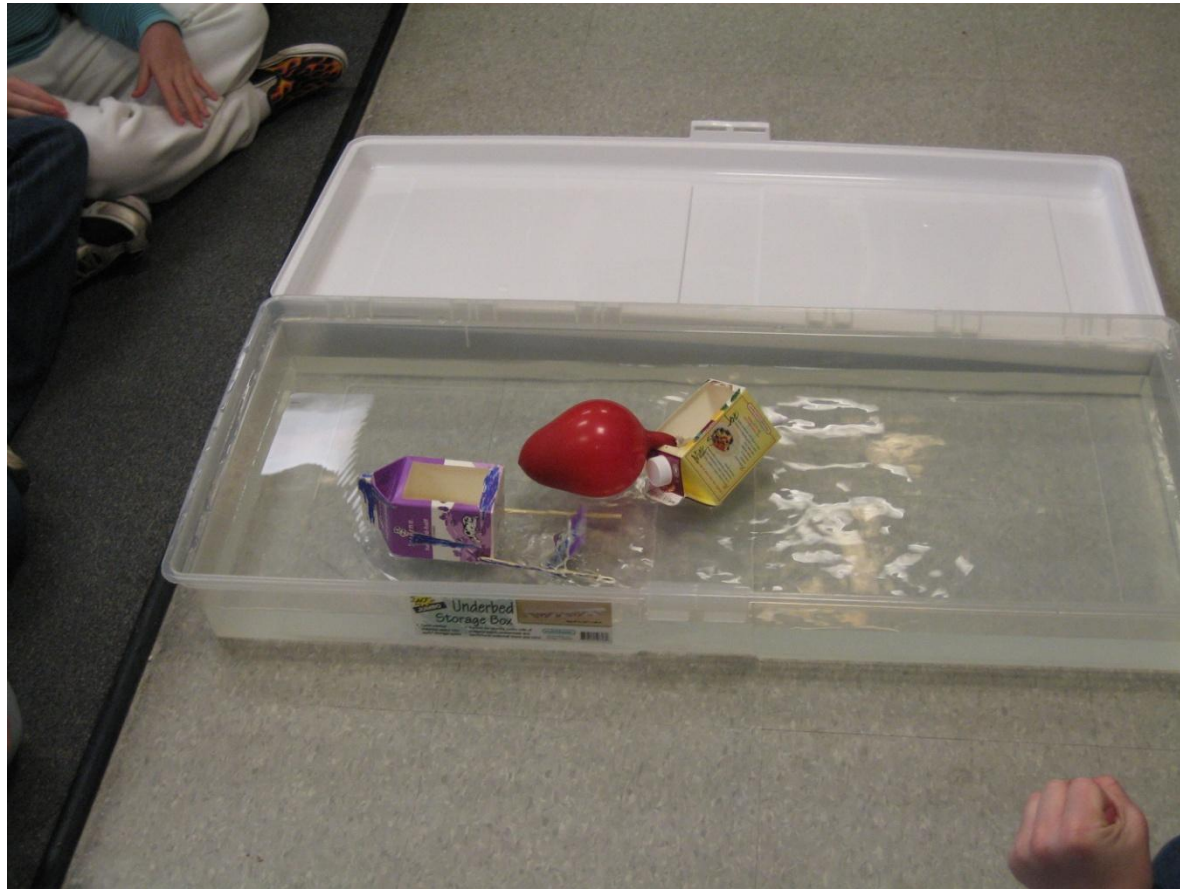
Soil Investigation



Soil Investigation



Energy Transfer – Design and Race Boats





Energy Transfer – Design and Race Boats



Energy Transfer – Design and Race Boats



Energy Transfer – Design and Race Boats



Boat Race Video

*And what is a man without energy?
Nothing- Nothing at all.
Mark Twain*

Outdoor Field Trips



Outdoor Field Trips



Outdoor Field Trips



Outdoor Field Trips



Outdoor Field Trips



Outdoor Field Trips



Solar System Model to Scale



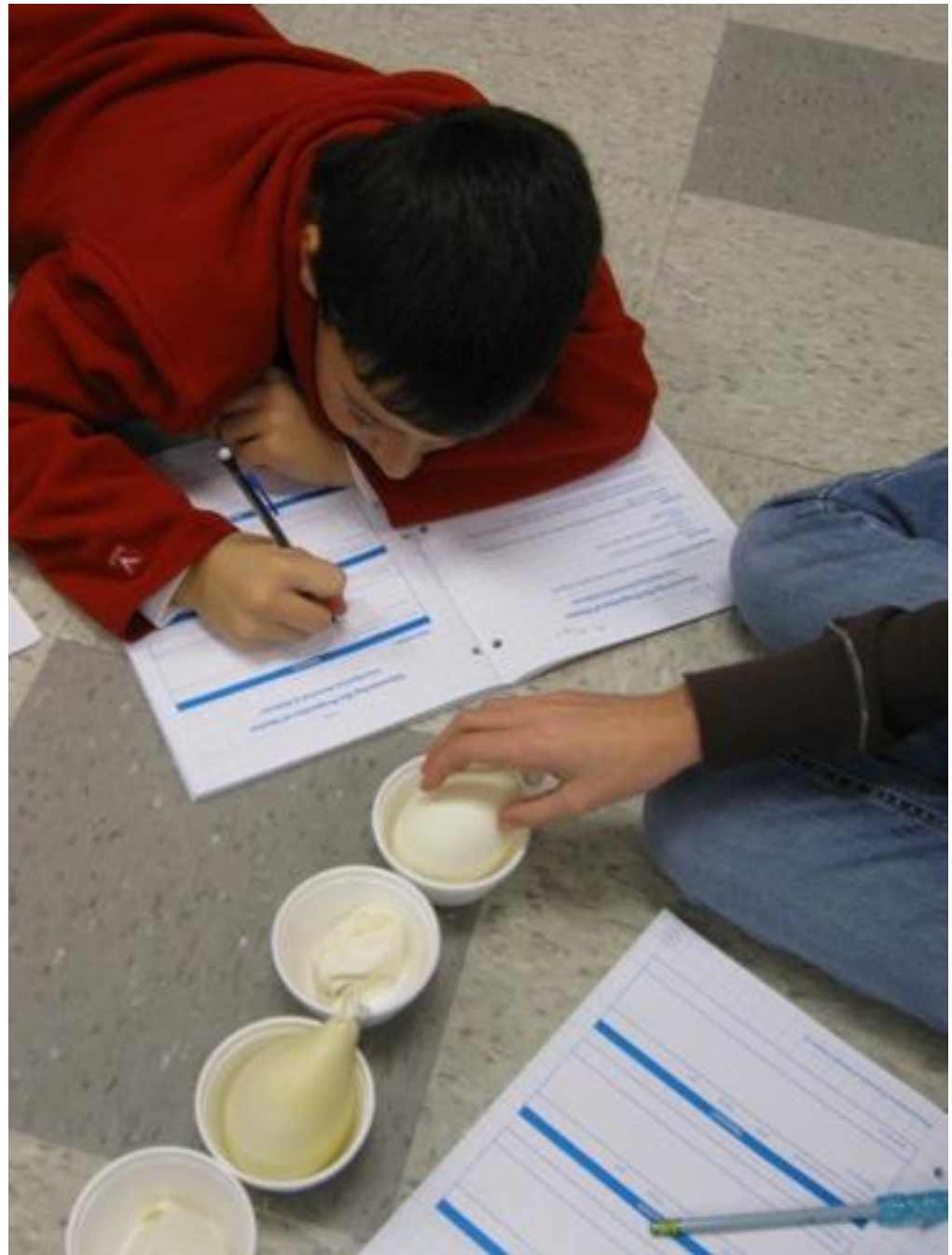
Solar System Model to Scale



Solar System Model to Scale



Matter



Matter



Matter



Parts of a Plant



Parts of a Plant



Germinating Seeds



Parts of a Plant



Thank You



乔治米勒 博士



美国宾夕法尼亚州中央雄鹿学区
幼稚园到12年 ▪ 科学教育主管
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